

## ABSTRACT OF THE DISCLOSURE

The maximum transmittable amount value (outmax) and the average transmission amount value (average) stored in a transmission amount setting circuit are supplied to a maximum transmission amount manager, a transmission result amount manager, and a maximum transmission amount calculator, respectively. The average transmission amount value is added up and updated in the maximum transmission amount manager, and the data transmission amount value (rvs) output from a data transmitter is added up and updated in the transmission result amount manager. These added-up values are reset under predetermined conditions to prevent an overflow. Based on the values added up in this way, the maximum amount of data to be transmitted is determined and, with this value as the threshold, a data transmission request is output from the data transmitter to a data receiver unit.